

13 BONE ANALYSIS	Page 1 of 1
GENERAL DOCUMENTATION AND EVIDENCE HANDLING REQUIREMENTS – FORENSIC BIOLOGY SECTION PROCEDURE MANUAL, SECTION I	Issue No. 4
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<p>13 BONE ANALYSIS</p> <p>13.1 If appropriate, freeze the bone until you are ready to proceed with the examination.</p> <p>13.2 Working with only one item at a time to avoid sample mix-up and/or contamination, examine and describe the item. Diagrams and/or photographs may be helpful.</p> <p>13.3 If appropriate, test for blood, and record and report results.</p> <p>13.4 If appropriate, submit to the OCME for species, bone type, and/or sex determination.</p> <p>13.5 Transfer to the Firearms Section for tool marks if required.</p> <p>13.6 If appropriate, clean bone by soaking in water and washing with a strong jet of Type I water or an ultrasonic cleaner and air dry. If no analysis will be conducted on the sample, the case notes will indicate that sample has been preserved; the results will be reported as “this sample was not analyzed/examined”.</p> <p>13.7 As appropriate, conduct DNA PCR-based typing.</p> <p>13.7.1 Perform DNA PCR-based typing, record results, and report results and conclusions after comparing the profile(s) obtained to the appropriate known sample profiles.</p> <p>13.7.2 Perform DNA PCR-based typing on an unknown victim, record results, perform a DNA Data Bank search for a “match” to the profile, and report the results of the analysis and search.</p> <p>13.8 Return evidence to the primary examiner or to security for final disposition.</p> <p style="text-align: right;">◆END</p>	